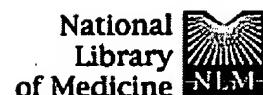


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(4A) incognita

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L1 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:335022 USPATFULL

TI Nematode GS-like sequences

IN Kloek, Andrew P., St. Louis, MO, UNITED STATES

Williams, Deryck J., St. Louis, MO, UNITED STATES

Salmon, Brandy, Durham, NC, UNITED STATES

McLaird, Merry B., Brentwood, MO, UNITED STATES

PI US 2003235898 A1 20031225

AI US 2003-446520 A1 20030527 (10)

RLI Continuation-in-part of Ser. No. US 2002-98602, filed on 15 Mar 2002, PENDING

PRAI US 2001-276621P 20010316 (60)

DT Utility

FS APPLICATION

LREP FISH & RICHARDSON PC, 225 FRANKLIN ST, BOSTON, MA, 02110

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN 3 Drawing Page(s)

LN.CNT 1793

AB Disclosed is a nucleic acid molecule from nematodes encoding for glutamine synthetase (GS) polypeptides. The GS-like polypeptide sequence is also provided, as are vectors, host cells, and recombinant methods for production of GS-like nucleotides and polypeptides. The invention further relates to screening methods for identifying inhibitors and/or activators, as well as methods for antibody production.